

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Alex Rabinovich, Mark Gurvich, and Jianqing He

Serial No: Not yet assigned

Filed: Herewith

For: A SYSTEM AND METHOD OF PILOT TONE REUSE IN A FEEDFORWARD  
AMPLIFIER

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

☒ 20 sheet(s) of drawings (☐ formal ☒ informal) is(are) enclosed.☒ 73 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.☒ An assignment of the invention to Powerwave Technologies, Inc. ☐ is enclosed ☒ will follow.☒ An associate power of attorney ☐ is enclosed ☒ will follow.☒ Applicant claims small entity status. See 37 CFR 1.27.☒ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.☐ A certified copy of \_\_\_ Patent Application No. \_\_\_ filed \_\_\_ from which priority is claimed under 35 U.S.C. § 119 is enclosed.☐ IDS enclosed (☐ with \_\_\_ reference(s)).☐ Preliminary Amendment is enclosed.☐ Application data sheet is enclosed. See 37 CFR 1.76.☒ Return postcard is enclosed.

CALCULATION OF FEES						
ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE	\$ AMOUNT	\$ FEE
A TOTAL CLAIMS FEE	48	-20	28	LG=\$18 SM=\$9	\$9.00	\$ 504.00
B INDEPENDENT CLAIMS FEE*	3	-3	0	LG=\$86 SM=\$43	\$0	\$ 0
C SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)						\$ 504.00
D MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770.00
F TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)						\$ 1,274.00
G ASSIGNMENT RECORDING FEE					\$ 40	\$
*LIST INDEPENDENT CLAIMS 1, 24, 30						

☒ Please charge my Deposit Account No. 50-1314 the amount of \$ **1,274.00**. A copy of this letter is enclosed.☐ A check in the amount of \$ \_\_\_ to cover the filing fee is enclosed.☐ A check in the amount of \$ \_\_\_ to cover Assignment Recordation fee is enclosed.☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**☒ Any additional filing fees required under 37 C.F.R. 1.16☒ Any patent application processing fees under 37 C.F.R. 1.17Respectfully submitted,  
HOGAN & HARTSON L.L.P.By: 

Paul B. Heynssens

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Attorney for Applicant(s)

Date: November 25, 2003

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10/723094  
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REUSE IN A FEEDFORWARD AMPLIFIER

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Date of Deposit: November 25, 2003

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☐ check in amount of \$\_\_\_ as filing fee
- ☒ patent application ( 52 page(s) of specification; 20 claim(s); 1 page(s) of abstract
- ☒ 20 sheet(s) of informal drawings
- ☐ executed Declaration and Power of Attorney
- ☐ assignment of the invention to \_\_\_
- ☐ certified copy of \_\_\_ patent application No. \_\_\_ which was filed \_\_\_ from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement with \_\_\_ references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop NEW PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Arlington, VA 22313-1450

Date: November 25, 2003

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Ellen Pritsker  
Name of person mailing papers

Signature